



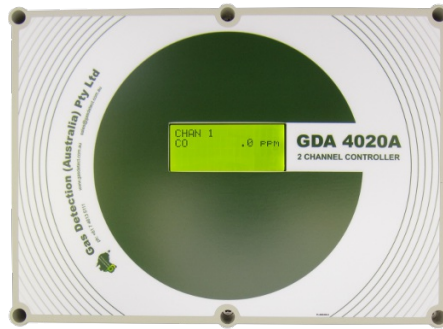
Gas Detection (Aust) Pty Ltd

ABN 74 124 402 231

PO BOX 597, Darling Heights, Qld 4350.

Ph: +61 7 4613 5111, Email: sales@gasdetect.com.au

GDA 4020 | Two Channel Gas Detection Controller



The **GDA 4020** control unit has 2 x 4-20 mA i/p with 3 associated programmable relay alarm levels per sensor. There is an independent fault relay. There are 3 x analog o/p's which can be configured for either channel as 4-20 mA, 0-20 mA, 0-5 V or 0-10 V. The controller has an isolated RS485 o/p which can be configured to drive modbus or an interface to the M2001 mimic panel. All configurations are carried out via the front panel push buttons. The unit requires 24 VDC.

DESIGNED, MANUFACTURED and SUPPORTED by GAS DETECTION AUSTRALIA.

- Low profile mounting (can be flush mounted)
- Easy to install
- No servicing requirements
- 3 x Alarm relays per sensor (SPCO)
- Faults relay (SPCO)
- Isolated Modbus output RTU
- 3 x Programmable 4-20 mA o/ps or 0-5 V or 0-10 V o/ps
- Real time display of gas levels, alarms and location
- Internal buzzer
- All parameters user programmable through the front panel



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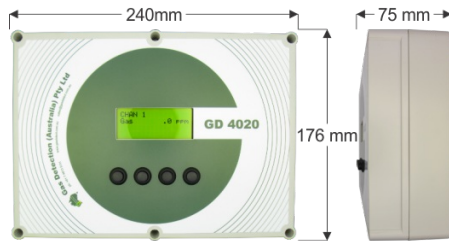
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Dimensions





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Specifications

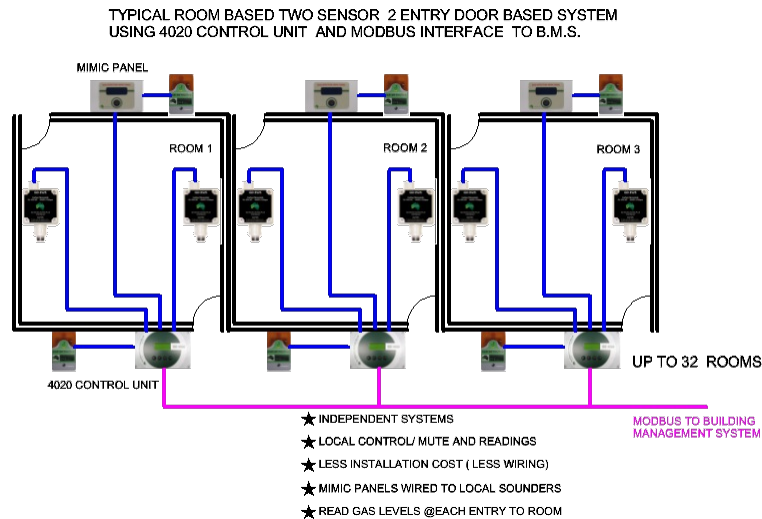
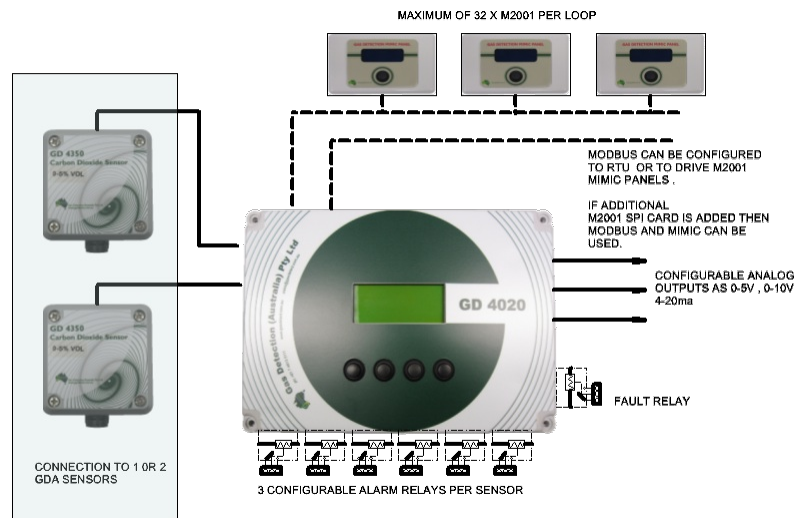
Detectable Gas Ranges	1 or 2 sensors (ranges user programmable to suit each sensor)
Power Requirements	+24 VDC
Output Types	3 X SPCO alarm relays per sensor + 3 x Analog o/ps configurable as 4-20 mA, 0-5 V, 0-10 V
Output Specifications	relays: 2A non inductive 220 VAC , Modbus RTU; 3 x 4-20 mA max loop R = 800 Ω
Power Consumption	~5 W (Excluding sensors and external 24 VDC loads)
Connection	Plug in sockets
Operating Temperature	-10 - 40°C
Operating Humidity	5% to 95% RH peak non condensing
Technology	SMT with LCD display
Dimensions	240 x 176 x 75 mm (W x H x D)
Enclosure Material	ABS Plastic



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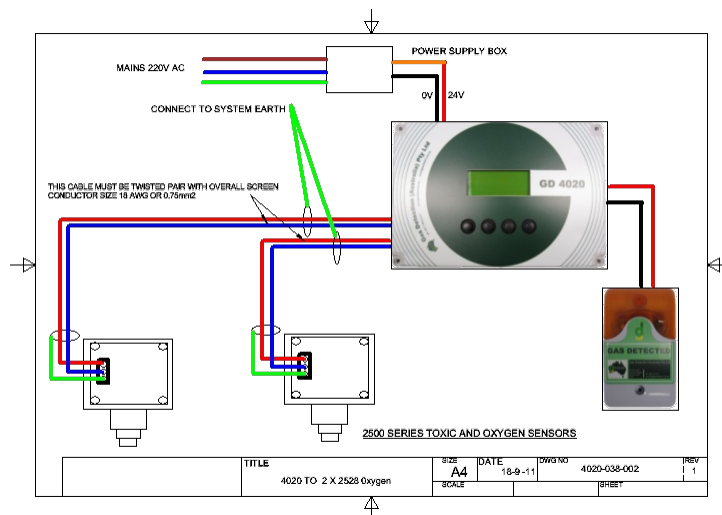
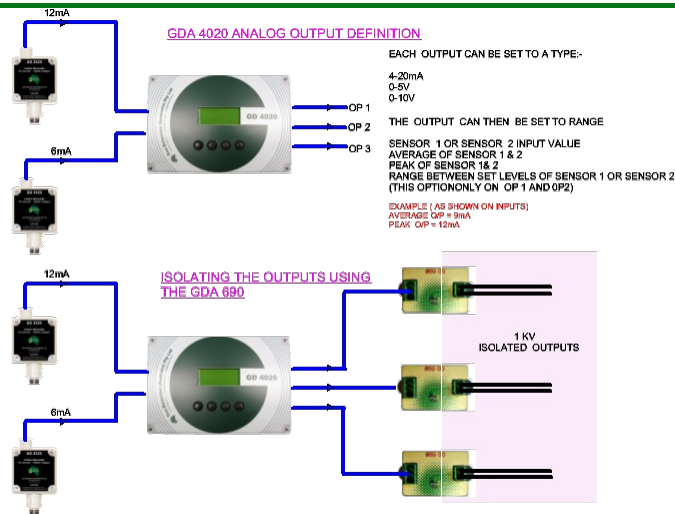
Implementation





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